

Focus Area 24: Respiratory Diseases

Objective 24-1a targets an overall reduction in the asthma death rate for children under age five years to 1.0 per 1,000,000 population.

California data extracted from the Death Statistical Master Files show that a total of five children under the age of five had asthma listed as the underlying cause of death in 2000, six in 2001, five in 2002, and seven in 2003. Reliable death rates could not be calculated for the total population, nor for any subpopulation by race-ethnicity or by gender, due to the small number of events.

Objective 24-1b targets an overall reduction in the asthma death rate for children aged 5-14 years to 1.0 per 1,000,000 population.

California data extracted from the Death Statistical Master Files show that a total of 21 children aged 5-14 had asthma listed as the underlying cause of death in 2000, nine in 2001, and ten in 2002 and 2003. Reliable death rates could not be calculated for the total population, nor for any subpopulation by race-ethnicity or by gender, due to the small number of events.

Objective 24-1c targets an overall reduction in the asthma death rate for persons aged 15-34 years to 2.0 per 1,000,000 population.

Statewide data show that a total of 40 Californians aged 15-34 died from asthma in 2000 at a rate of 4.0 per 1,000,000 population. For 2001, there were a total of 50 deaths at a rate of 4.9 per 1,000,000; for 2002, there were 39 deaths at a rate of 3.8 per 1,000,000; and for 2003, there were 45 deaths at a rate of 4.3 per 1,000,000. These rates are significantly higher than the HP2010 target, and this objective is not being achieved for all Californians (Figure 24-1c, Table 24-1c).

Examined by race-ethnicity, only one death rate was found to be reliable: in 2000 there were 21 deaths among Whites aged 15-34 at a rate of 5.4 per 1,000,000 population. Examined by gender, asthma death rates for males aged 15-34 rose from 4.0 per 1,000,000 in 2000 to 5.2 in 2003. Only one reliable death rate was found for females: 4.3 per 1,000,000 in 2001. These rates are significantly higher than the HP2010 target of 2.0 per 1,000,000.

For more information on asthma in California, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Medicine/Asthma/index.htm>

For more information on Healthy People 2010 objective 24-1, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm#_Toc489704825

and

<http://www.healthypeople.gov/Document/html/tracking/od24.htm#asthma>

Figure 24-1c
Asthma Death Rates
Among Persons Aged 15-34
California, 2000-2003

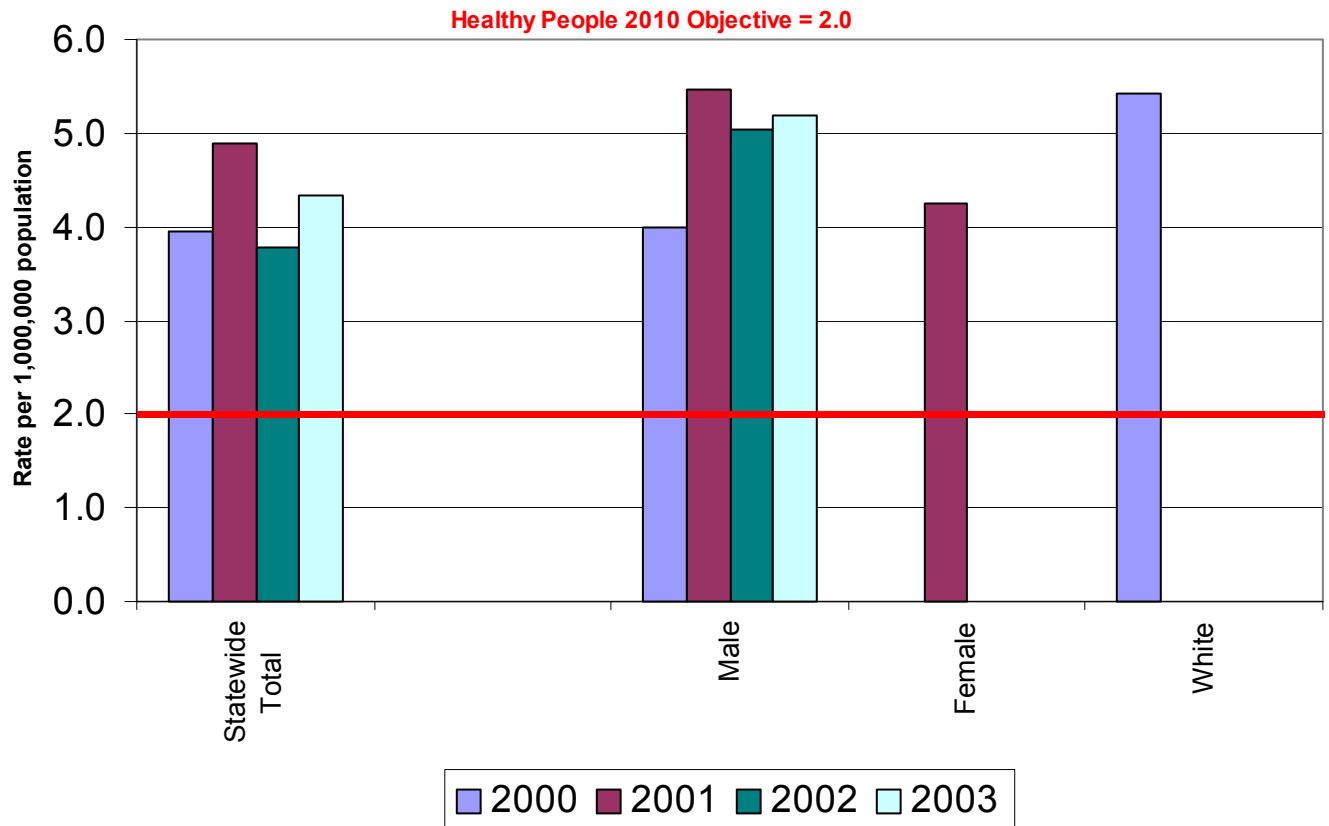


Table 24-1c
Asthma Deaths and Death Rates
California, 2000-2003

Asthma Deaths, Ages 15-34*	2000				2001			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1c	2.0				2.0			
CALIFORNIA TOTAL	40	4.0	2.7	5.2	50	4.9	3.5	6.2
Race-Ethnicity								
African American/Black	11	DSU	-----	-----	18	DSU	-----	-----
American Indian/Alaska Native	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Asian	3	DSU	-----	-----	3	DSU	-----	-----
Pacific Islander	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Hispanic/Latino	5	DSU	-----	-----	10	DSU	-----	-----
White	21	5.4	3.1	7.7	19	DSU	-----	-----
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	19	DSU	-----	-----	21	4.3	2.4	6.1
Male	21	4.0	2.3	5.7	29	5.5	3.5	7.5

Asthma Deaths, Ages 15-34*	2002				2003			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1c	2.0				2.0			
CALIFORNIA TOTAL	39	3.8	2.6	5.0	45	4.3	3.1	5.6
Race-Ethnicity								
African American/Black	10	DSU	-----	-----	17	DSU	-----	-----
American Indian/Alaska Native	1	DSU	-----	-----	1	DSU	-----	-----
Asian	2	DSU	-----	-----	3	DSU	-----	-----
Pacific Islander	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Hispanic/Latino	9	DSU	-----	-----	8	DSU	-----	-----
White	17	DSU	-----	-----	15	DSU	-----	-----
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	12	DSU	-----	-----	17	DSU	-----	-----
Male	27	5.0	3.1	6.9	28	5.2	3.3	7.1

SOURCES: California Department of Health Services, Death Statistical Master Files, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections by Race/
Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: * Asthma deaths defined by ICD-10 codes J45-J46.

¹ Rate per 1,000,000 population aged 15-34 years.

DSU Data Statistically Unreliable due to small number of events.